TABLE 16

GRAPHICAL COMPARISON OF FUELS

Low
High

Coke oven rich gas, No. 11.
B.t.u. per cubic foot = 467 527
Calories
per m^3 =4160 4691
Weight=0 kg 492 per m^3=
0.03072 Ib per cubic foot.

Composition Volumetric	Products of Combustion pe 100 Volumes of Gas				Pe~centage Basis (Wet)			
	Air Supply in Percentage of Theoretical Requirements.							
	100 %	120 %	140 %	180 %	100 %	120 %	140 %	180 %
Ho 55.00								
CH_4 25.40								
C,H_4 2.30								
CO	00.00	17.57	35.14	70.28	0.00	2.94	5.13	8.17
N_2 9.30	37.80	37.80	37.80	37.80	7.42	6.34	5.52	4.39
Total 100.00	110.40	110.40	110.40	110.40	21.69	18.40	16.13	12.83
/eight:	360.70	430.98	501.26	641.82	70.88	72.22	83.22	74.61
kg per m^3	508.90	596.	684.	860.30	Percentage Basis (Dry)			
Ib per cubic foot	0.0759			790.85	0.00	3.61	6.12	9.37
				O	9.49	7.77	6.58	5.04
				CO	90.51	88.62	87.30	85.59
				N				